

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102424\  
 Data File : FB031032.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Oct 2024 19:07  
 Operator : YP/AJ  
 Sample : P4509-01MSD 50X  
 Misc : 5.02G/5.00 ML MEOH  
 ALS Vial : 23 Sample Multiplier: 1

**Instrument :**

FID\_B

**ClientSampleId :**

AU-06-10232024MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: Calibration.e  
 Quant Time: Oct 25 04:03:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB100424.M  
 Quant Title :  
 QLast Update : Fri Oct 04 11:53:51 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units    |
|------------------------------|--------|----------|---------------|
| -----                        |        |          |               |
| System Monitoring Compounds  |        |          |               |
| 5) s AAA-TFT                 | 8.795  | 377061   | 12.578 ng/ml  |
| Target Compounds             |        |          |               |
| 1) t 2-Methylpentane         | 4.710  | 729850   | 20.226 ng/mlm |
| 2) t 2,2,4-Trimethylpentane  | 7.421  | 868135   | 18.218 ng/ml  |
| 3) t n-Heptane               | 7.754  | 233599   | 5.179 ng/ml   |
| 4) t Benzene                 | 7.895  | 311336   | 5.664 ng/ml   |
| 6) t Toluene                 | 10.625 | 880590   | 16.301 ng/ml  |
| 7) t Ethylbenzene            | 13.063 | 278950   | 5.885 ng/ml   |
| 8) t m-Xylene                | 13.197 | 584751   | 11.209 ng/ml  |
| 9) t O-Xylene                | 13.926 | 523379   | 10.759 ng/ml  |
| 10) t 1,2,4-Trimethylbenzene | 16.201 | 396462   | 12.099 ng/ml  |
| -----                        |        |          |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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## Manual Integrations

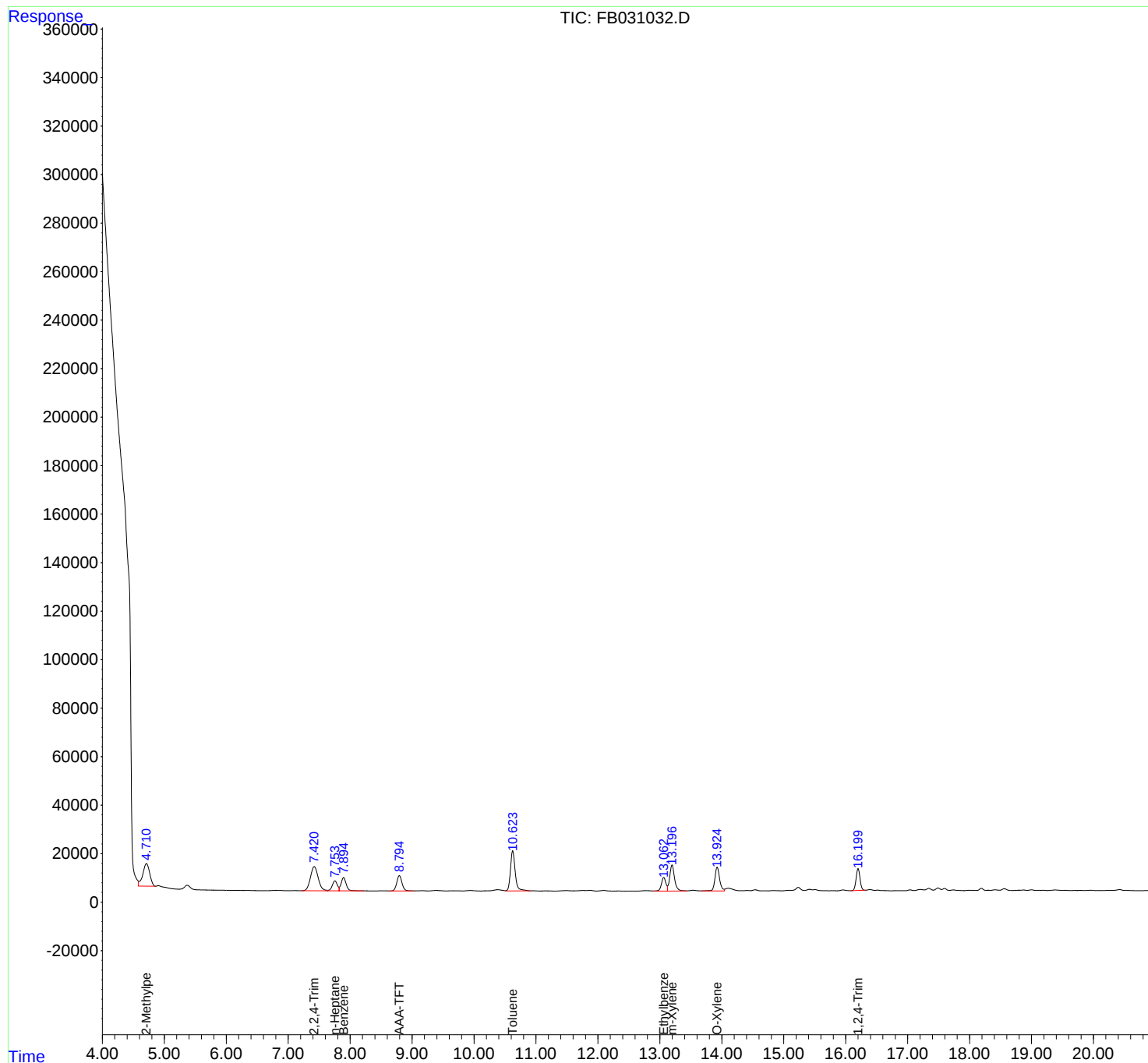
## APPROVED

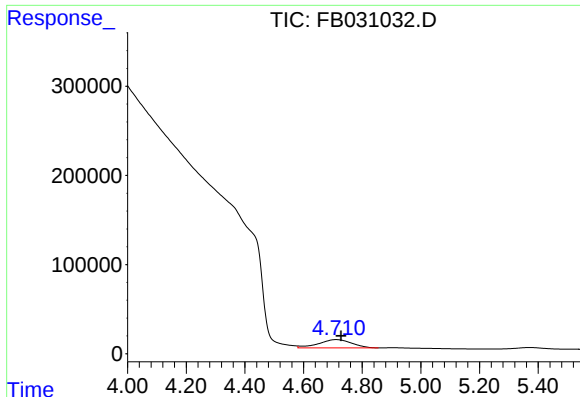
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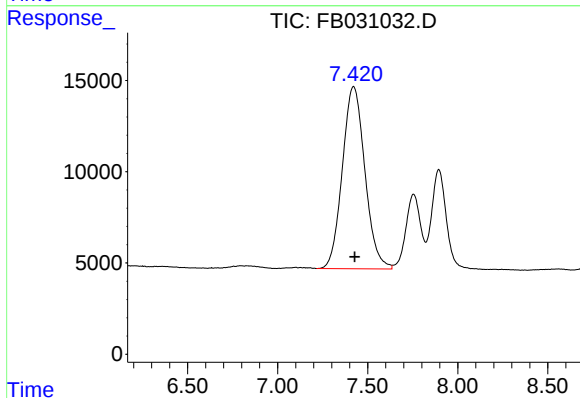
#1 2-Methylpentane

R.T.: 4.710 min  
Delta R.T.: -0.018 min  
Response: 729850  
Conc: 20.23 ng/ml

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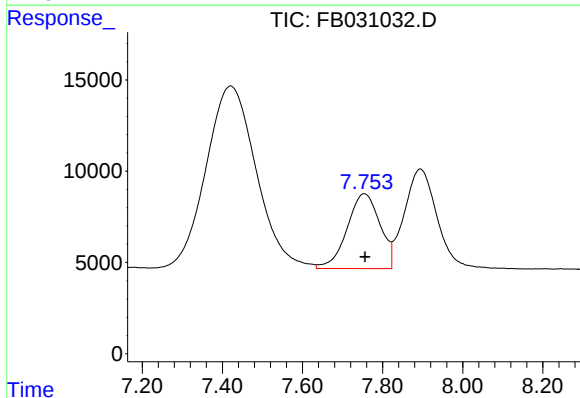
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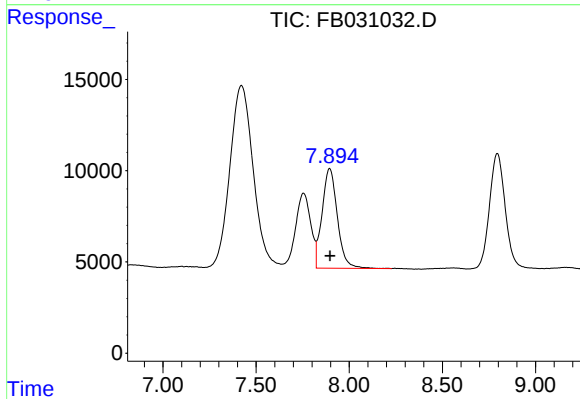
#2 2,2,4-Trimethylpentane

R.T.: 7.421 min  
Delta R.T.: -0.006 min  
Response: 868135  
Conc: 18.22 ng/ml



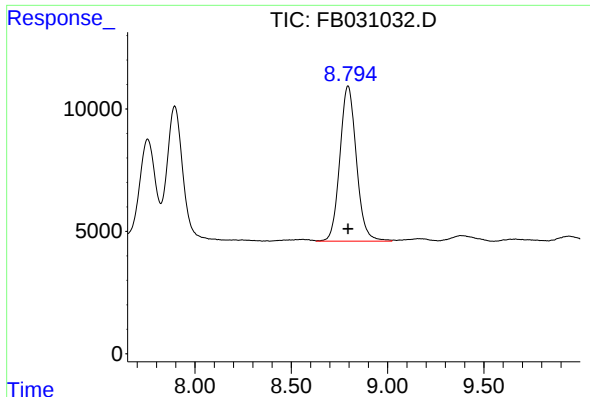
#3 n-Heptane

R.T.: 7.754 min  
Delta R.T.: -0.002 min  
Response: 233599  
Conc: 5.18 ng/ml



#4 Benzene

R.T.: 7.895 min  
Delta R.T.: -0.003 min  
Response: 311336  
Conc: 5.66 ng/ml



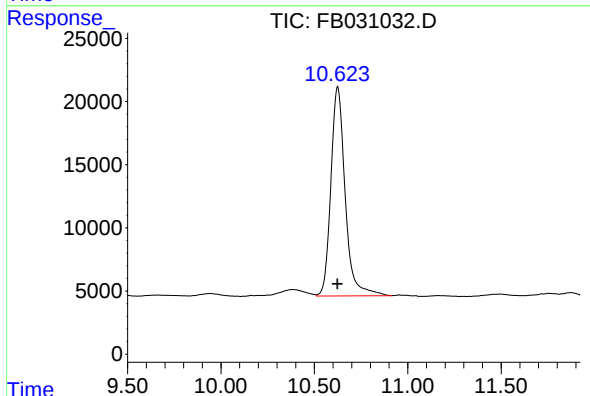
#5 AAA-TFT

R.T.: 8.795 min  
Delta R.T.: 0.000 min  
Response: 377061  
Conc: 12.58 ng/ml

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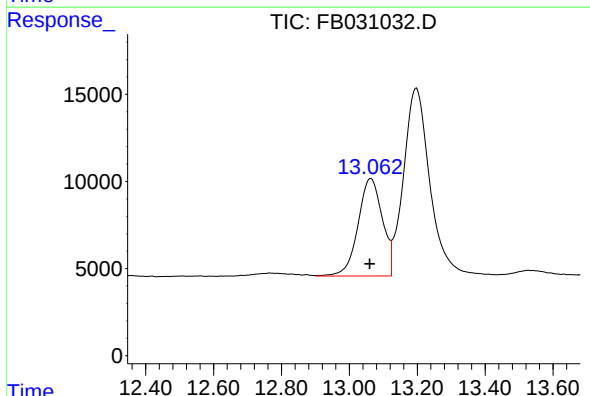
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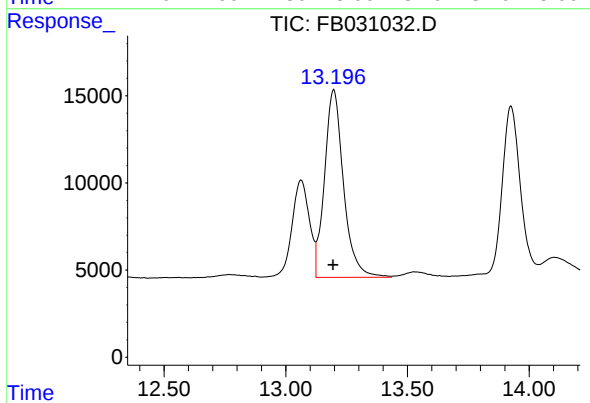
#6 Toluene

R.T.: 10.625 min  
Delta R.T.: 0.000 min  
Response: 880590  
Conc: 16.30 ng/ml



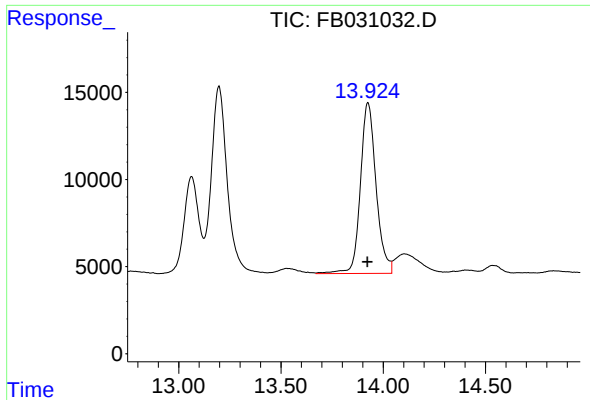
#7 Ethylbenzene

R.T.: 13.063 min  
Delta R.T.: 0.003 min  
Response: 278950  
Conc: 5.88 ng/ml



#8 m-Xylene

R.T.: 13.197 min  
Delta R.T.: 0.002 min  
Response: 584751  
Conc: 11.21 ng/ml



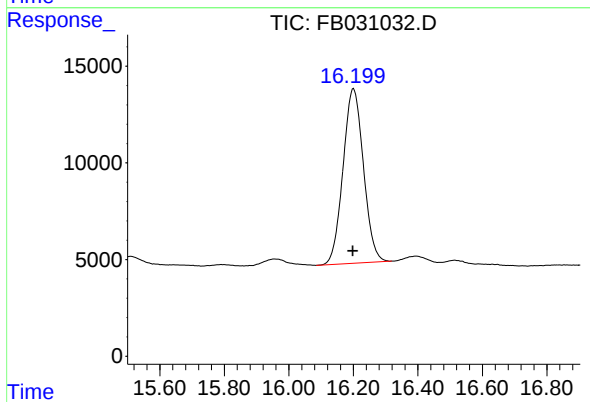
#9 O-Xylene

R.T.: 13.926 min  
Delta R.T.: 0.003 min  
Response: 523379  
Conc: 10.76 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.201 min  
Delta R.T.: 0.002 min  
Response: 396462  
Conc: 12.10 ng/ml